

Product datasheet for **MC214518**

Gfod1 (NM_001033399) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gfod1 (NM_001033399) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gfod1
Synonyms: 9630032013; AI850995
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214518 representing NM_001033399
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCCCGGGTGGCGTGTTTCGGCACCAGCCTCACAGCCGAGTCATCATCCCCTGCTGAAAGATG
 AGGGCTTCGCGGTGAAGCGCTGTGGGGCCGACGCAGGAAGAAGCCGAGGAGCTGGCCAAGGAGATGAG
 CGTTCTTTCTACACCAGCCGCATCGACGAGGTGCTCCTGCACCAGGATGTGGACTTGGTGTGCATCAAC
 CTGCCCGCCGCTCACTAGGCAGATCGCTGTCAAACCTGGGAATAGGCAAGAATGTCATCTGTGACC
 GTACCGCCACGCCGCTGGACGCCTTCCGCATGATGTCAGCGGCCCACTACTACCCGAAGCTCATGAGCAT
 CATGGGCAACGTGCTGCGCTTCCCTCCAGCCTTCGTACGCATGAAGCAGCTGATTGAGGAGGGCTACGTG
 GGCAGCTGCTGGTGTGCGAGGTGCAGGTGCACAGCGGTAGTCTGCTGGGCAAGAAATACTGGAGCT
 GCGACGACCTGATGGTGGTGGCGGCCTGCACTCCGTGGGCACCTACATCATTGACCTGCTCACCTTCT
 CACGGGCCAGAAGGCTGTCAAGTCCACGGGCTGCTCAAGACCTTGTCAAGCAGACGGACCACATCAAG
 GGCATCCGTGAGTACCCAGTGTGACTTCTGCACCTCCAGATGGTGTGGAGGGTGGAGTGTGCTGCA
 CCGTTACCCTGAACCTCAATGTGCCTGGAGAGTCAAGCAGGACGTGACCGTGGTGGGTTCCGCTGGCG
 GCTCCTGGCGGTGGCACCGACCTCTATGGACAGCGCAATAGCGCCCAGAGCAGGAGCTGCTGCTTCAG
 GACACTACATCCGTGAGCAACTCCCTGCTGCTGAGAAGGCATTAGCGACATCCCTCGCCCTACCTGC
 GGGCACCATGAAGATGATGCAGGCAGTGCAGGCTTCCAGGATCAAGATGACCGGCGCACGTGGGA
 CGGCCGGCCTTTACCATGGCTGCCACCTTCGACGACTGCCTGTACGCTCTTTGCGTGGTAGACACCATC
 AAGAGGTCAGCCAGACTGGAGAGTGGCAGAACATCGCCATCATGACCGAGGAGCCAGAGCTGAGCCCTG
 CCTACCTGATCAGTGAGGCCATGCGCAGAAGCAGGATGTCCCTTACTGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001033399
Insert Size:	1173 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001033399.4, NP_001028571.1</u>
RefSeq Size:	6654 bp
RefSeq ORF:	1173 bp
Locus ID:	328232
UniProt ID:	<u>Q3UHD2</u>
Cytogenetics:	13 A4